

CCL26 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8972c**Specification**

CCL26 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9Y258](#)**CCL26 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 10344**Other Names**

C-C motif chemokine 26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4- α , MIP-4- α , Small-inducible cytokine A26, Thymic stroma chemokine-1, TSC-1, CCL26, SCYA26

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8972c](/products/AP8972c) was selected from the Center region of human CCL26. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCL26 Antibody (Center) Blocking Peptide - Protein Information**Name** CCL26 ([HGNC:10625](#))**Function**

Chemoattractant for eosinophils and basophils (PubMed: [10415065](http://www.uniprot.org/citations/10415065), PubMed: [10488147](http://www.uniprot.org/citations/10488147)). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca²⁺ mobilization in eosinophils (PubMed: [10415065](http://www.uniprot.org/citations/10415065), PubMed: [10488147](http://www.uniprot.org/citations/10488147), PubMed: [11425309](http://www.uniprot.org/citations/11425309)). Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed: [20974991](http://www.uniprot.org/citations/20974991)).

Cellular Location
Secreted.**Tissue Location**

Ubiquitously expressed at low levels in various tissues including heart and ovary.

CCL26 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CCL26 Antibody (Center) Blocking Peptide - Images**CCL26 Antibody (Center) Blocking Peptide - Background**

Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine displays chemotactic activity for normal peripheral blood eosinophils and basophils. CCL26 is one of three related chemokines that specifically activate chemokine receptor CCR3. This chemokine may contribute to the eosinophil accumulation in atopic diseases.

CCL26 Antibody (Center) Blocking Peptide - References

Shinkai,A., et.al., J. Immunol. 163 (3), 1602-1610 (1999) Kitaura,M., et.al., J. Biol. Chem. 274 (39), 27975-27980 (1999)